

Fig. 1

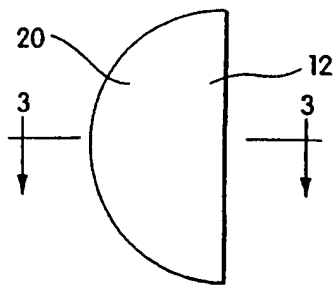


Fig. 2

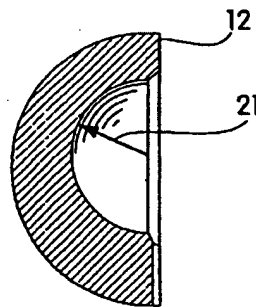


Fig. 3

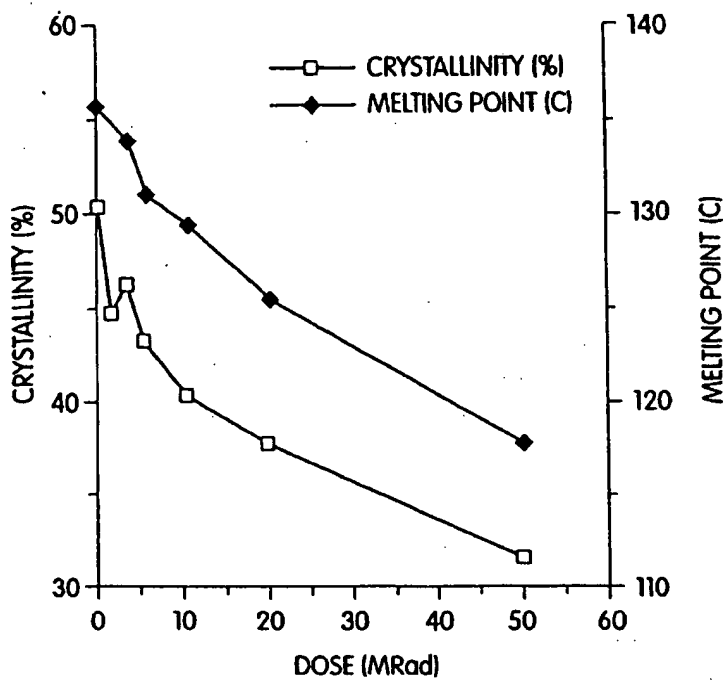


Fig. 4

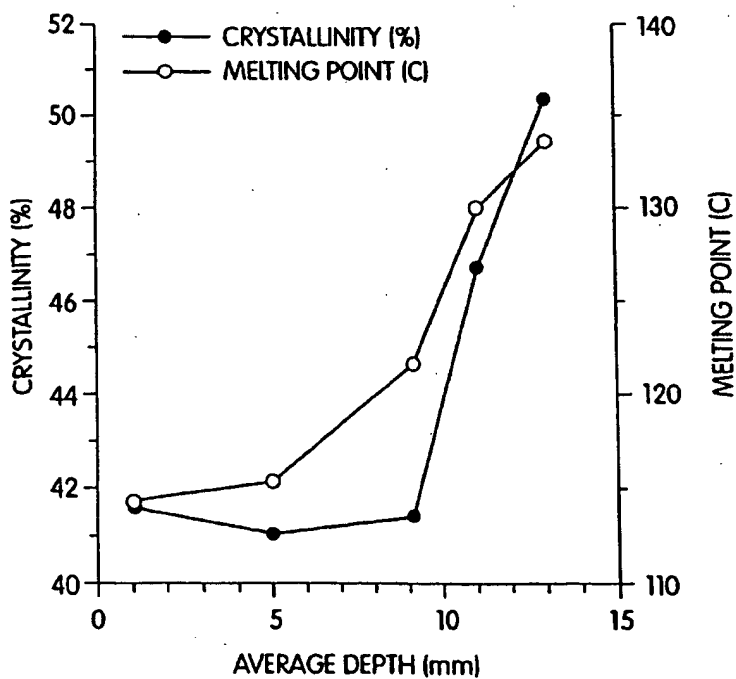


Fig. 7

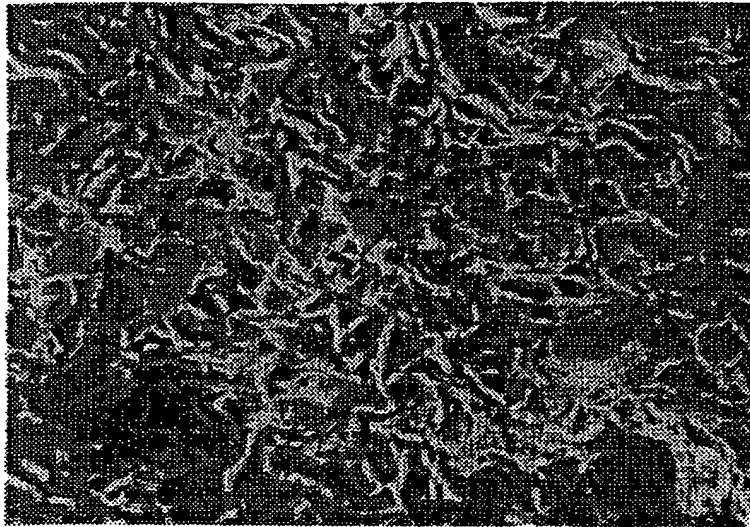


Fig. 5

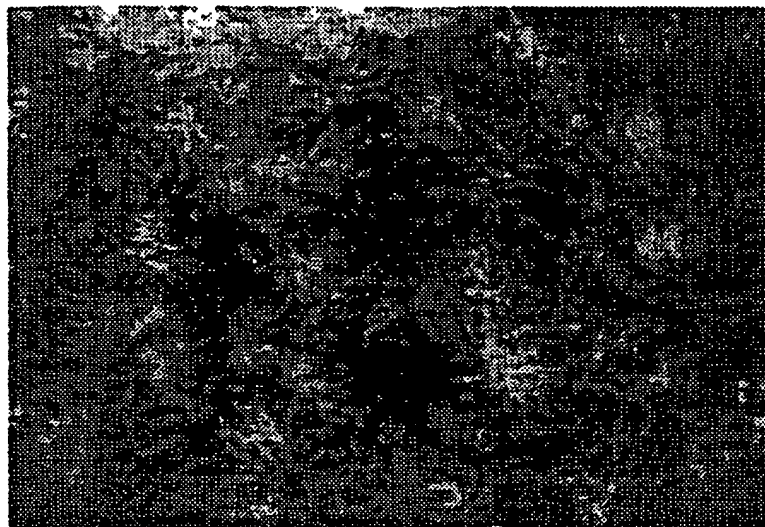


Fig. 6

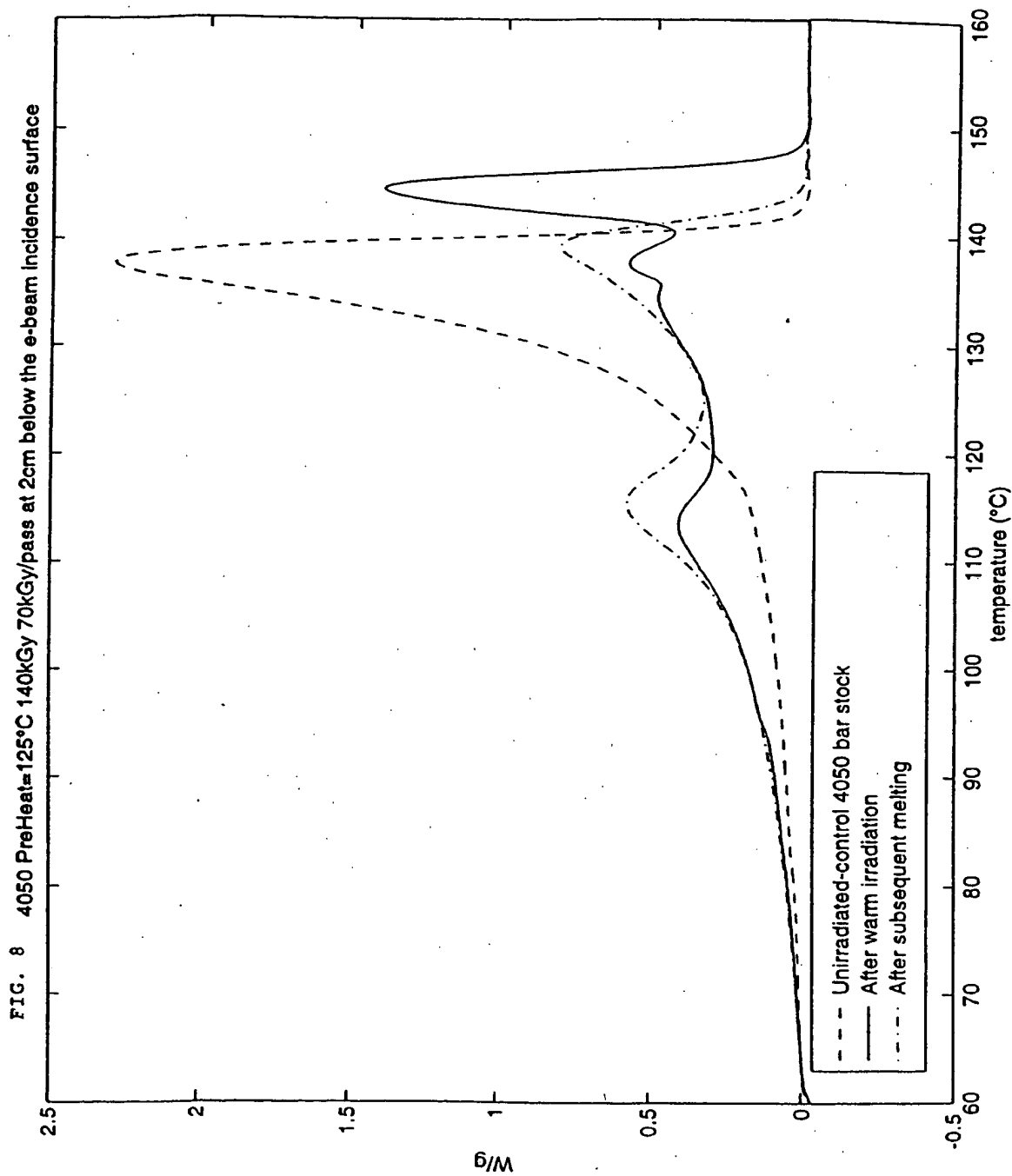
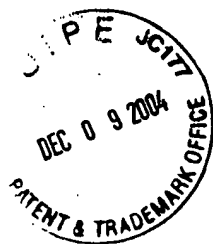
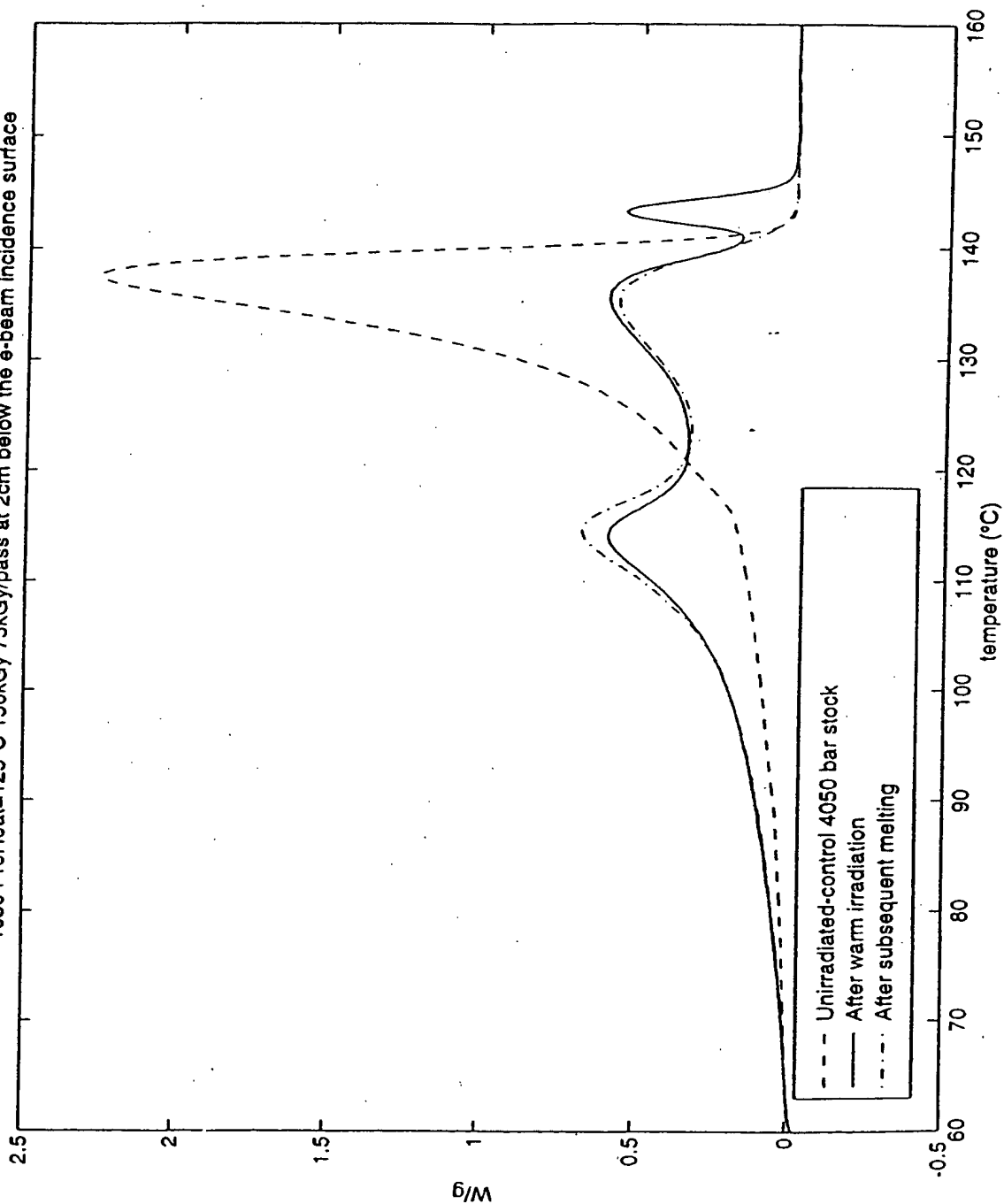


FIG. 9 1050 PreHeat=125°C 150kGy 75kGy/pass at 2cm below the e-beam incidence surface



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Figure 10: Adiabatic heating of UHMWPE treated by WIR-AM with a pre-heat temperature of 130°C

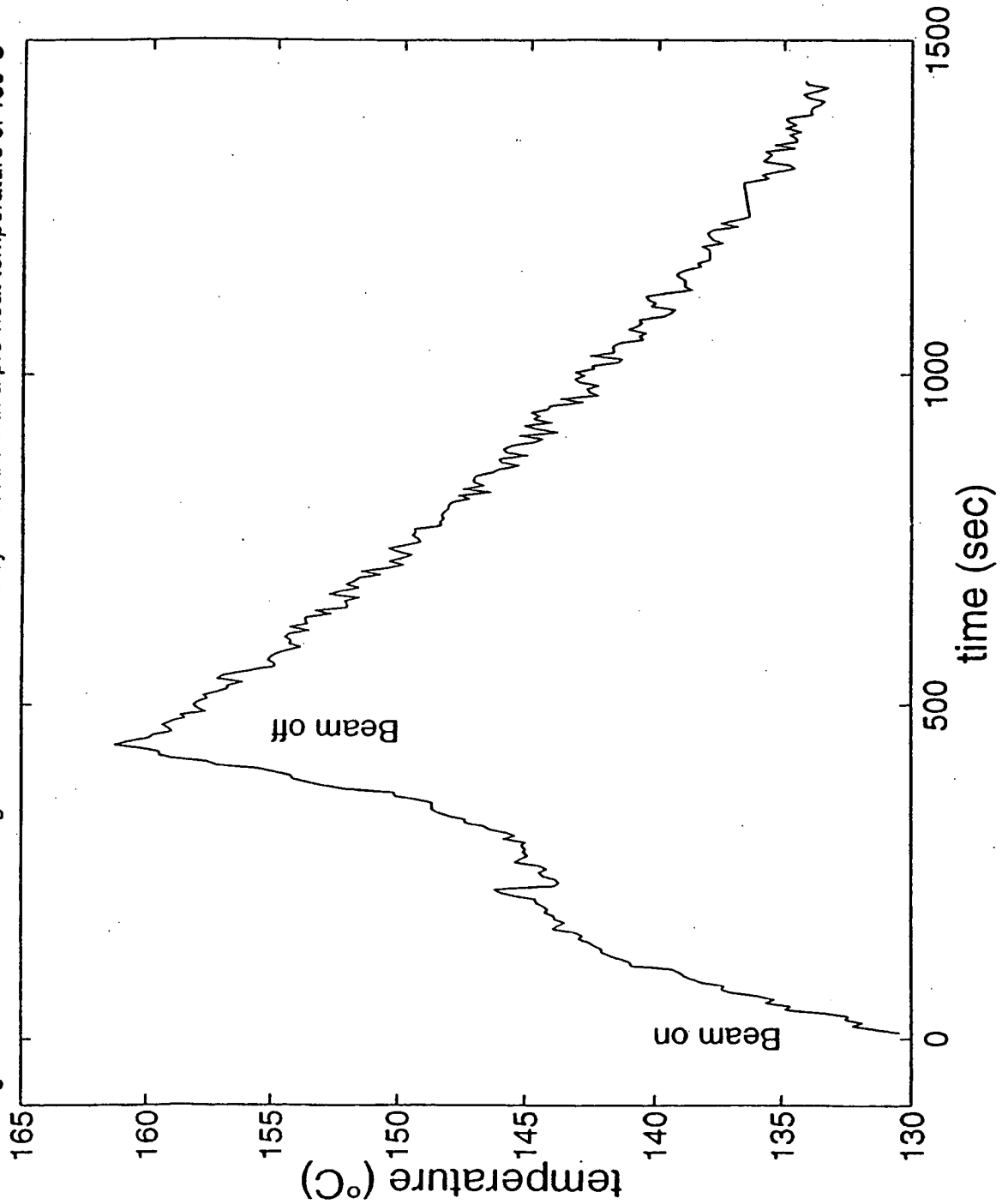




Figure 11. Tensile deformation behavior of unirradiated, CIR-SM treated and WIR-AM treated UHMWPE.

